

=> d his
(FILE 'HOME' ENTERED AT 10:45:49 ON 20 FEB 97)
FILE 'USPAT' ENTERED AT 10:45:58 ON 20 FEB 97
L1 3 S OPTICAL SCANNER(P) DUAL APERTURE
FILE 'JPOABS' ENTERED AT 10:50:35 ON 20 FEB 97
L2 0 S OPTICAL SCANNER (P) DUAL APERTURE
L3 2 S OPTICAL SCANNER (P) APERTURES
FILE 'USPAT' ENTERED AT 10:53:08 ON 20 FEB 97
L4 60 S OPTICAL SCANNER(P) APERTURES
L5 3 S L4 AND SCAN PATTERNS
FILE 'JPOABS' ENTERED AT 10:56:14 ON 20 FEB 97
FILE 'USPAT' ENTERED AT 10:56:53 ON 20 FEB 97
L6 13 S L4 AND 235/CLAS
L7 12 S L4 AND 359/CLAS
L8 2 S L6 AND L7
L9 7 S L6 AND LASER
L10 4 S L9 AND VERTICAL AND HORIZONTAL
L11 3 S L7 AND LASER AND VERTICAL AND HORIZONTAL
=> d 11 1-3

1. 5,531,293, Jul. 2, 1996, Checkout counter gap filler; Rathindra Nahar, 186/59 [IMAGE AVAILABLE]

2. 5,459,308, Oct. 17, 1995, Dual aperature optical scanner; Paul O. Detwiler, et al., 235/467, 383, 462 [IMAGE AVAILABLE]

3. 5,229,588, Jul. 20, 1993, **Dual** **aperture** **optical**
scanner; Paul O. Detwiler, et al., 235/467, 383, 462 [IMAGE AVAILABLE]
=> d 15 1-3

1. 5,459,308, Oct. 17, 1995, Dual aperature optical scanner; Paul O. Detwiler, et al., 235/467, 383, 462 [IMAGE AVAILABLE]

2. 5,229,588, Jul. 20, 1993, Dual aperture optical scanner; Paul O. Detwiler, et al., 235/467, 383, 462 [IMAGE AVAILABLE]

3. 3,632,870, Jan. 4, 1972, SCANNER SYSTEM; Harold Bruce Henderson, 348/144, 164; 358/296, 493 [IMAGE AVAILABLE]
=> d 18 1-2

1. 5,331,143, Jul. 19, 1994, Optical scanner using an axicon and an aperture to aspherically form the scanning beam; Emanuel Marom, et al., **235/472**, **462**; **359/196**; **214** [IMAGE AVAILABLE]

2. 5,274,491, Dec. 28, 1993, Dynamic laser diode aperture for optical scanners; Donald A. Collins, Jr., et al., **359/200**; **235/455**;
467; **359/212**; **220**; **894**; **900** [IMAGE AVAILABLE]
=> d 110 1-4

1. 5,459,308, Oct. 17, 1995, Dual aperature optical scanner; Paul O. Detwiler, et al., **235/467**, **383**, **462** [IMAGE AVAILABLE]

2. 5,274,491, Dec. 28, 1993, Dynamic **laser** diode aperture for optical scanners; Donald A. Collins, Jr., et al., 359/200; **235/455**;
467; 359/212, 220, 894, 900 [IMAGE AVAILABLE]

3. 5,229,588, Jul. 20, 1993, Dual aperture optical scanner; Paul O.

Detwiler, et al., **235/467**, **383**, **462** [IMAGE AVAILABLE]

4. 5,148,009, Sep. 15, 1992, Bar code scanning apparatus; Joseph M. Lindacher, **235/462**, **470**, **472** [IMAGE AVAILABLE]
=> d 111 1-3

1. 5,274,491, Dec. 28, 1993, Dynamic **laser** diode aperture for optical scanners; Donald A. Collins, Jr., et al., **359/200**; 235/455, 467; **359/212**, **220**, **894**, **900** [IMAGE AVAILABLE]

2. 4,934,780, Jun. 19, 1990, Constant deviation scanning apparatus; John F. McGrath, Jr., **359/211**, **216** [IMAGE AVAILABLE]

3. 4,793,672, Dec. 27, 1988, Constant deviation scanning apparatus; John F. McGrath, Jr., **359/216**, **211**, **834** [IMAGE AVAILABLE]

=>